

Title (en)
STUFFED FOOD PROCESSING DEVICE

Title (de)
VERARBEITUNGSVORRICHTUNG FÜR GEFÜLLTE NAHRUNGSMITTEL

Title (fr)
DISPOSITIF DE TRAITEMENT D'ALIMENTS FARCIS

Publication
EP 3632211 B1 20220427 (EN)

Application
EP 18832345 A 20180403

Priority
• CN 201710558922 A 20170711
• CN 2018081738 W 20180403

Abstract (en)
[origin: EP3632211A1] A device for processing food with stuffing, including a casing (1), an inclined auger (5), a vertical auger (8), a first pressing edge (9) and a second pressing edge (10). This invention provides three mechanisms, including an extrusion forming mechanism, a feeding mechanism and a pressing-breaking mechanism. The casing and the inclined auger together form the extrusion forming mechanism which produces a continuous tubular wrapper through a gap (19). An inner cavity of the inclined auger and the vertical auger together form the feeding mechanism which fills the stuffing into the wrapper. The first pressing edge and the second pressing edge together form the pressing-breaking mechanism which is configured to seal and break food edges. The extrusion forming mechanism and the feeding mechanism can be integrated due to a suitable conical structure. The casing, as well as an external profile and an inner cavity of the inclined auger have an inverted cone shape.

IPC 8 full level
A21C 9/06 (2006.01); **A21C 11/16** (2006.01)

CPC (source: CN EP RU US)
A21C 9/06 (2013.01 - RU US); **A21C 9/061** (2013.01 - EP US); **A21C 9/063** (2013.01 - EP); **A21C 9/066** (2013.01 - CN US); **A21C 11/163** (2013.01 - EP); **A23L 7/11** (2016.07 - US); **A23V 2002/00** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3632211 A1 20200408; EP 3632211 A4 20201230; EP 3632211 B1 20220427; CN 107156216 A 20170915; JP 2020525037 A 20200827; RU 2749673 C1 20210616; US 2020138046 A1 20200507; WO 2019011014 A1 20190117

DOCDB simple family (application)
EP 18832345 A 20180403; CN 201710558922 A 20170711; CN 2018081738 W 20180403; JP 2019572807 A 20180403; RU 2020105497 A 20180403; US 202016734305 A 20200104